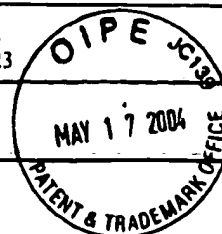


Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P23696	Serial No. 10/646,723
<b>INFORMATION DISCLOSURE STATEMENT</b> BY APPLICANT (Use several sheets if necessary)		Applicant <b>Hiroshi NOMURA</b>	
		Filing Date August 25, 2003	Group 2851



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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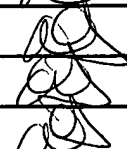
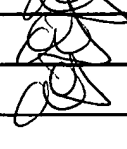
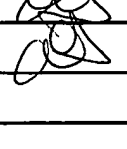
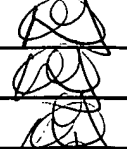








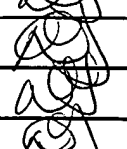



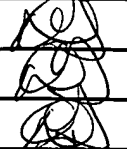

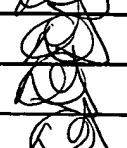
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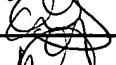

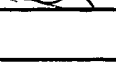


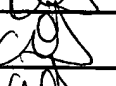


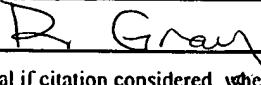
DATE CONSIDERED

9/2/04

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Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P23696		Serial No. 10/646,723							
<b>INFORMATION DISCLOSURE STATEMENT</b> BY APPLICANT (Use several sheets if necessary)				Applicant Hiroshi NOMURA									
				Filing Date August 25, 2003		Group 2851							
<b>U.S. PATENT DOCUMENTS</b>													
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4	6	4	3	5	5	4	02/17/87	OGAWA			
		4	7	7	1	3	0	3	09/13/88	MATSUMOTO et al.			
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		5	1	3	6	3	2	4	08/04/92	TSUBOI et al.			
		5	7	6	5	0	4	9	06/09/98	HASE et al.			
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EXAMINER <u>D. Gray</u>										DATE CONSIDERED <u>9/2/04</u>			
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<b>U.S. PATENT DOCUMENTS</b>														
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
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<b>FOREIGN PATENT DOCUMENTS</b>														
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EXAMINER <u>D. Gray</u> DATE CONSIDERED <u>9/2/04</u>														
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EXAMINER INITIAL		DOCUMENT NUMBER				DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
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	7	-	2	8	8	7	2	4	10/31/95	JAPAN		X
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>												
	1	English Language Abstract of JP 58-10708.										
	2	English Language Abstract of JP 2003-207709.										
	3	English Language Abstract of JP 2002-277719.										
	4	English Language Abstract of JP 10-282394.										
	5	English Language Abstract of JP 58-162914.										
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